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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. :	Not Yet Assigned	Confirmation No.:
Applicant(s) :	Keith Clark	
Filed :	Herewith	
TC/A.U. :	Not Yet Assigned	
Examiner :	Unknown	
Title :	HOLLOWING SYSTEM	
Docket No. :	7936.002	
Customer No. :	30589	

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

**List of Sections Forming Part of This
Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

1. ☒ Preliminary Statements
2. ☒ Form PTO-1449 (Modified)
3. ☒ Statement as to Information Not Found in Patents or Publications
4. ☐ Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. ☐ Cumulative Patents or Publications

- 6. ☐ Copies of Listed Information Items Accompanying this Statement
- 7. ☐ Concise Explanation of Non-English Language Listed Information Items
 - 7A. ☐ EPO Search Report
 - 7B. ☐ English Language Version
- 8. ☐ Translation(s) of Non-English Language Documents
- 9. ☐ Concise Explanation of English Language Listed Information Items (Optional)
- 10. ☒ Identification of Person(s) Making this Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Form PTO-1449 (Modified)

☒ A Completed Form PTO-1449 (Modified) is attached hereto.

Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Form PTO-1449(Modified))

The present invention relates to an aid to be used by a wood turner to ease the process of creating hollowed vessels on a wood turning lathe. Wood turning lathes have been used for creating hollowed vessels for many years. Typically, a wood turner mounts a log or other medium onto a lathe and then uses a handheld cutting tool to remove the solid wood from inside the log while leaving an outer rim that forms the walls of the vessel.

Usually, a tool rest is placed next to the endgrain of the log and the handheld tool is advanced into the end grain of the log to hollow the wood. This process is difficult for several reasons. First, there are forces placed on the tool that tend to push the tip of the tool downward as well as rotate the tool around its long axis. As long as the tool tip is close to the tool rest, the forces are minimized. However, as the log is hollowed, the tool tip moves farther from the tool rest. The tool rest acts as a fulcrum and much more force is needed to control the tool tip. This becomes more pronounced as the depth of the vessel increases.

The present invention is directed to a hollowing system that controls the tool movements along certain axes while allowing full movement along other axes. Thus, the tool can be advanced or retracted to shape the inside of the vessel without having to fight the significant forces being generated. This results in much easier, faster and safer removal of the solid wood to form the vessel.

Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. _____, filed on _____.

(complete the following, if applicable)

- ☐ This application also relies, under 35 U.S.C. 120, on the earlier filing date of prior application Serial No. _____, filed on _____ (date).

The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore, are not required to be provided in this application:

Section 5. Cumulative Patents or Publications

STATEMENT

_____ is cumulative of the following patents or publications listed on Form PTO-1449:

In accordance with 37 C.F.R. § 1.98(c), a copy of only ____ is being submitted with this Information Disclosure Statement.

Section 6. Copies of Listed Information Items Accompanying this Statement

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this information disclosure statement.

- ☐ Exception(s) to above:
- ☐ Items in prior application from which an earlier filing date is claimed for this application, as identified in Section 4.
- ☐ Cumulative patents or publications identified in Section 5.

Section 7. Concise Explanation of Non-English Language Listed Information Items

Section 7A. Concise Explanation of Non-English Language Listed Information Items - EPO Search Report

The relevance with respect to the following citations listed on Form PTO-1449:

is submitted on the basis of accompanying:

(check the appropriate item)

- ☐ EPO search report that is in the English language,
- ☐ EPO search report that is not in the English language and that is accompanied also by an English language version of the EPO search report,

that issued on the corresponding European patent application.

Section 7B. Concise Explanation of Non-English Language Listed Information Items - English Language Version of EPO Search Report

Section 8. Translation(s) of Non-English Language Documents

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:

(complete the following, if applicable)

- ☐ No English language translations of the foreign language parents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.


Section 9. Concise Explanation of English Language Listed Information Items (OPTIONAL)

Section 10. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT

The person making this statement is the attorney who signs below on the basis of the information:

- ☐ supplied by the inventor(s)
- ☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- ☒ in the attorney's file

Respectfully submitted,



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 Date Deposited: March 12, 2004

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Keith Clark
Group Art Unit	Not Yet Assigned
Examiner Name	Unknown
Attorney Docket Number	7936.002

U. S. PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	<u>U.S. PATENT NUMBER</u> Number	Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		476696		Stoner et al.	06/07/1892	
		2919727		Brewer, Jr.	01/05/1960	
		4063577		Tennant	12/20/1977	
		5224529		Kenny	07/06/1993	
		5441089		Lazarou	08/15/1995	
		5839333		Mckay	11/24/1998	

FOREIGN PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	<u>Foreign Patent Document</u>		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office 3	Number 4	Kind Code ⁵ (If known)			
			None				

U.S. and Foreign: ¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴ Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

EXAM INIT.		<p style="text-align: center;">PATENT DOCUMENTS</p> <p>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>
		None

Non Patent Documents: ¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant. **Place of Publication refers to name of publication in which the information was published.